

ABSTRACT OF THE DISCLOSURE

Different probes each having a specific base
sequence are immobilized to each of independent areas
5 formed on the surface of a substrate, complementary
polynucleotides in a sample solution are hybridized to the
probes, and each of the independent areas on the substrate
is heated and then cooled in sequence, and hence the
solution is recovered to extract different
10 polynucleotides separately corresponding to individual
probes.